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L3 ANSWER 1 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 2005116044 PCTFULL ED 20051213 EW 200549
TITLE (ENGLISH): PROCESS FOR PRODUCING INDOLOPYRROLOCARBAZOLE
DERIVATIVE
TITLE (FRENCH): PROCEDE SERVANT A PRODUIRE UN DERIVE D'
INDOLOPYRROLOCARBAZOLE
INVENTOR(S): IIDA, Takehiko, 9-20-301, Aza Higashinogou, Hanecho,
Okazaki-shi, Aichi 4440813, JP [JP, JP];
HIRAGA, Shouichi, 14-12, Tatsumiminami 4-chome,
Okazaki-shi, Aichi 4440874, JP [JP, JP];
TAKEZAWA, Akihiro, 8-1-301, Kamimutsuna 2-chome,
Okazaki-shi, Aichi 4440858, JP [JP, JP];
MASE, Toshiaki, 7-1, Wakamatsuhibashi 3-chome,
Okazaki-shi, Aichi 4440822, JP [JP, JP]
PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi
Honcho 2-chome, Chuo-ku, Tokyo 1038416, JP [JP, JP],
for all designates States except US;
IIDA, Takehiko, 9-20-301, Aza Higashinogou, Hanecho,
Okazaki-shi, Aichi 4440813, JP [JP, JP], for US only;
HIRAGA, Shouichi, 14-12, Tatsumiminami 4-chome,
Okazaki-shi, Aichi 4440874, JP [JP, JP], for US only;
TAKEZAWA, Akihiro, 8-1-301, Kamimutsuna 2-chome,
Okazaki-shi, Aichi 4440858, JP [JP, JP], for US only;
MASE, Toshiaki, 7-1, Wakamatsuhibashi 3-chome,
Okazaki-shi, Aichi 4440822, JP [JP, JP], for US only
IWATANI, Ryo\$, ORIX Dojima Bldg. 3F, 1-31, Dojima
2-chome, Kita-ku, Osaka-shi, Osaka 5300003\$, JP

AGENT:

LANGUAGE OF FILING:

LANGUAGE OF PUBL.:

DOCUMENT TYPE:

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005116044	A1	20051208

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW

BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

AM AZ BY KG KZ MD RU TJ TM

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT

LT LU MC NL PL PT RO SE SI SK TR

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

JP 2004-2004-160193 20040528

WO 2005-JP9674 A 20050526

L3 ANSWER 2 OF 14

PCTFULL COPYRIGHT 2007 Univentio on STN

ACCESSION NUMBER: 2005026185 PCTFULL ED 20050330 EW 200512

TITLE (ENGLISH): NOVEL INDOLOPYRROLOCARBAZOLE DERIVATIVE WITH
ANTITUMOR ACTIVITY

TITLE (FRENCH): NOUVEAU DERIVE D'INDOLOPYRROLOCARBAZOLE A
ACTIVE ANTI-TUMEUR

INVENTOR(S): YAMADA, Koji, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP];
SUNAMI, Satoshi, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP];

HIROSE, Masaaki, c/o BANYU PHARMACEUTICAL CO., LTD.,
Clinical Development Institute, AIG Kabutocho Building,
5-1, Nihombashi-kabutocho, Chuo-ku, Tokyo 1030026, JP
[JP, JP];

OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP];

ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP]

PATENT ASSIGNEE(S):
BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi
Honcho 2-chome, Chuo-ku, Tokyo 1038416, JP [JP, JP],
for all designates States except US;
YAMADA, Koji, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP], for US only;
SUNAMI, Satoshi, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP], for US only;
HIROSE, Masaaki, c/o BANYU PHARMACEUTICAL CO., LTD.,
Clinical Development Institute, AIG Kabutocho Building,
5-1, Nihombashi-kabutocho, Chuo-ku, Tokyo 1030026, JP
[JP, JP], for US only;

OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP], for US only;

ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD.,
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki 3002611, JP [JP, JP], for US only

BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi Honcho
2-chome, Chuo-ku Tokyo 1038416\$, JP

AGENT:

LANGUAGE OF FILING:

LANGUAGE OF PUBL.:

DOCUMENT TYPE:

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2005026185	A1	20050324

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW

BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

AM AZ BY KG KZ MD RU TJ TM

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

JP 2003-2003-322550 20030916

APPLICATION INFO.: WO 2004-JP14661 A 20040914

L3 ANSWER 3 OF 14

PCTFULL COPYRIGHT 2007 Univentio on STN

ACCESSION NUMBER:

2005010020 PCTFULL ED 20050208 EW 200505

TITLE (ENGLISH):

INDOLOPYRROLOCABAZOLE DERIVATIVE AND

ANTITUMOR AGENT

DERIVE D'INDOLOPYRROLOCARBAZOLE ET AGENT

ANTITUMORAL

TITLE (FRENCH):

OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD.

Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,

Ibaraki, 3002611, JP [JP, JP];

ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD.

Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,

INVENTOR(S):

PATENT ASSIGNEE(S) :

Ibaraki, 3002611, JP [JP, JP]
BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi
Honcho 2-chome, Chuo-ku, Tokyo, 1038416, JP [JP, JP],
for all designates States except US;
OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD.
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki, 3002611, JP [JP, JP], for US only;
ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD.
Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
Ibaraki, 3002611, JP [JP, JP], for US only
BANYU PHARMACEUTICAL CO., LTD. \$, 2-3, Nihombashi Honcho
2-chome, Chuo-ku, Tokyo, 1038416\$, JP

AGENT :

LANGUAGE OF FILING :

LANGUAGE OF PUBL. :

DOCUMENT TYPE :

PATENT INFORMATION :

NUMBER	KIND	DATE
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WO 2005010020	A1	20050203
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DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW

RW (ARIPO) :

BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

RW (EAPO) :

AM AZ BY KG KZ MD RU TJ TM

RW (EPO) :

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR

RW (OAPI) :

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

PRIORITY INFO. :

JP 2003-PCT/JP03/09392 20030724

APPLICATION INFO. :

WO 2004-JP10742 A 20040721

L3 ANSWER 4 OF 14

PCTFULL COPYRIGHT 2007 Univentio on STN

ACCESSION NUMBER :

2004018495 PCTFULL ED 20040310 EW 200410

TITLE (ENGLISH) :

PROCESS FOR PRODUCING INDOLOPYRROLOCARBAZOLE

DERIVATIVE

TITLE (FRENCH) :

PROCEDE DE PRODUCTION D'UN DERIVE

INDOLOPYRROLOCARBAZOLE

INVENTOR(S) :

AKAO, Atsushi, c/o Banyu Pharmaceutical Co., Ltd.,

Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi,

Aichi 444-0858, JP [JP, JP];

KAWASAKI, Masashi, c/o Banyu Pharmaceutical Co., Ltd.,

Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi,

Aichi 444-0858, JP [JP, JP];

KAMATANI, Asayuki, 11515-10 Compass Point Dr.N., San Diego, CA 92126-5549, US [JP, US];

MASE, Toshiaki, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP]

PATENT ASSIGNEE(S) :

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AKAO, Atsushi, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP], for US only;

KAWASAKI, Masashi, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP], for US only;

KAMATANI, Asayuki, 11515-10 Compass Point Dr.N., San Diego, CA 92126-5549, US [JP, US], for US only;

MASE, Toshiaki, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi,

AGENT: Aichi 444-0858, JP [JP, JP], for US only
 IWATANI, Ryo\$, Sakurabashi Chiyoda Build. 5F, 1-27,
 Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003\$, JP
 LANGUAGE OF FILING: Japanese
 LANGUAGE OF PUBL.: Japanese
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
DESIGNATED STATES	WO 2004018495	A1	20040304
W:	AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NI NO NZ OM PG PH PL RU SC SG SY TJ TM TN TT UA US UZ VC VN YU ZA GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
RW (ARIPO):			
RW (EAPO):			
RW (EPO):			
RW (OAPI):			
PRIORITY INFO.:	JP 2002-2002-244173		20020823
APPLICATION INFO.:	WO 2003-JP10672	A	20030822

L3 ANSWER 5 OF 14
 ACCESSION NUMBER: PCTFULL COPYRIGHT 2007 Univentio on STN
 TITLE (ENGLISH): 2003080077 PCTFULL ED 20031008 EW 200340
 USE OF ANTITUMOR INDOLOPYRROLOCARBAZOLE
 DERIVATIVE AND OTHER ANTICANCER AGENT IN COMBINATION
 UTILISATION COMBINEE DE DERIVES ANTICANCEREAUX DE L'
 INDOLOPYRROLOCARBAZOLE ET D'UN AUTRE AGENT
 ANTICANCEREAUX

INVENTOR(S): ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD.
 Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
 Ibaraki 300-2611, JP [JP, JP];
 MONDEN, Yoshiaki, c/o BANYU PHARMACEUTICAL CO., LTD.
 Licensing, 5-1, Nihombashi-Kabutocho, Chou-ku, Tokyo
 103-0026, JP [JP, JP];
 NAKATSURU, Yoko, c/o BANYU PHARMACEUTICAL CO., LTD.
 Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
 Ibaraki 300-2611, JP [JP, JP];
 KODERA, Tsutomu, c/o BANYU PHARMACEUTICAL CO., LTD.
 Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
 Ibaraki 300-2611, JP [JP, JP]

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi
 Honcho 2-chome, Chou-ku, Tokyo 103-8416, JP [JP, JP],
 for all designates States except US;
 ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD.
 Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
 Ibaraki 300-2611, JP [JP, JP], for US only;
 MONDEN, Yoshiaki, c/o BANYU PHARMACEUTICAL CO., LTD.
 Licensing, 5-1, Nihombashi-Kabutocho, Chou-ku, Tokyo
 103-0026, JP [JP, JP], for US only;
 NAKATSURU, Yoko, c/o BANYU PHARMACEUTICAL CO., LTD.
 Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
 Ibaraki 300-2611, JP [JP, JP], for US only;
 KODERA, Tsutomu, c/o BANYU PHARMACEUTICAL CO., LTD.
 Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,
 Ibaraki 300-2611, JP [JP, JP], for US only
 BANYU PHARMACEUTICAL CO., LTD.\$, 2-3, Nihombashi Honcho
 2-chome, Chou-ku, Tokyo 103-8416\$, JP

AGENT: Japanese
 LANGUAGE OF FILING: Japanese
 LANGUAGE OF PUBL.: Japanese
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
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WO 2003080077

A1 20031002

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (ARIPO) :

AM AZ BY KG KZ MD RU TJ TM

RW (EAPO) :

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC
NL PT SE SK TR

RW (EPO) :

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

PRIORITY INFO.:

JP 2002-2002-84677 20020326

APPLICATION INFO.:

WO 2002-JP10186 A 20020930

L3 ANSWER 6 OF 14

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2007 Univentio on STN
2002079214 PCTFULL ED 20021022 EW 200241

TITLE (ENGLISH) :

PREPARATION AND ISOLATION OF INDOLOCARBAZOLE GLYCOSIDES

TITLE (FRENCH) :

PREPARATION ET ISOLEMENT DE GLYCOSIDES INDOLOCARBAZOLES

INVENTOR(S) :

WEISSMAN, Steven, 126 East Lincoln Avenue, Rahway, NJ

07065-0907, US [US, US];

TSCHAEN, David, 126 East Lincoln Avenue, Rahway, NJ
07065-0907, US [US, US];

IIDA, Takehiko, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP];

KAWASAKI, Masashi, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP];

HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP];

KAMATANI, Asayuki, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP]

MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, NJ
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except US;

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for all designates States except US;

WEISSMAN, Steven, 126 East Lincoln Avenue, Rahway, NJ
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TSCHAEN, David, 126 East Lincoln Avenue, Rahway, NJ
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IIDA, Takehiko, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP], for US only;

KAWASAKI, Masashi, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP], for US only;

HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
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KAMATANI, Asayuki, 2-3, Nihombashi Honcho 2-Chome,
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MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, NJ
07065-0907\$, US

AGENT:

English

LANGUAGE OF FILING:

English

LANGUAGE OF PUBL.:

Patent

DOCUMENT TYPE:

PATENT INFORMATION:

NUMBER KIND DATE

WO 2002079214 A1 20021010

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK

RW (ARIPO) : SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO) : AM AZ BY KG KZ MD RU TJ TM
RW (EPO) : AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
RW (OAPI) : BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
PRIORITY INFO. : US 2001-60/279,629 20010329
APPLICATION INFO. : WO 2002-US9152 A 20020325

L3 ANSWER 7 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 2002036601 PCTFULL ED 20020523 EW 200219
TITLE (ENGLISH) : PHASE TRANSFER CATALYZED GLYCOSIDATION OF AN
INDOLOCARBAZOLE
TITLE (FRENCH) : GLYCOSIDATION D'UN INDOLOCARBAZOLE CATALYSEE PAR
TRANSFERT DE PHASE
INVENTOR(S) : PETRILLO, Daniel, E., 126 East Lincoln Avenue, Rahway,
NJ 07065-0907, US [US, US];
WEISSMAN, Steven, A., 126 East Lincoln Avenue, Rahway,
NJ 07065-0907, US [US, US];
ROSSEN, Kai, 126 East Lincoln Avenue, Rahway, NJ
09065-0907, US [DE, US];
HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP];
SATAKE, Nobuya, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP]
PATENT ASSIGNEE(S) : MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, NJ
07065-0907, US [US, US], for all designates States
except US;
BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi
Honcho 2-Chome, Chuo-ku, Tokyo 103-8416, JP [JP, JP],
for all designates States except US;
PETRILLO, Daniel, E., 126 East Lincoln Avenue, Rahway,
NJ 07065-0907, US [US, US], for US only;
WEISSMAN, Steven, A., 126 East Lincoln Avenue, Rahway,
NJ 07065-0907, US [US, US], for US only;
ROSSEN, Kai, 126 East Lincoln Avenue, Rahway, NJ
09065-0907, US [DE, US], for US only;
HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP], for US only;
SATAKE, Nobuya, 2-3, Nihombashi Honcho 2-Chome,
Chuo-ku, Tokyo 103-8416, JP [JP, JP], for US only
MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, NJ
07065-0907\$, US

AGENT:
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2002036601	A2	20020510

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
GH GM KE LS MW MZ SD SL SZ TZ UG ZW

RW (ARIPO) : AM AZ BY KG KZ MD RU TJ TM
RW (EAPO) : AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
RW (EPO) :

RW (OAPI) : BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
PRIORITY INFO. : US 2000-60/244,675 20001031
APPLICATION INFO. : WO 2001-US47603 A 20011026

L3 ANSWER 8 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 2001062769 PCTFULL ED 20020822
TITLE (ENGLISH): PROCESS FOR PREPARING INDOLOPYRROLOCARBAZOLE
DERIVATIVES, INTERMEDIATES THEREFOR, AND PREPARATION
PROCESS OF THE INTERMEDIATES
TITLE (FRENCH): PROCEDE DE PREPARATION DE DERIVES D'
INDOLOPYRROLOCARBAZOLE, LEURS INTERMEDIAIRES,
ET PROCEDE DE PREPARATION DES INTERMEDIAIRES
INVENTOR(S): HIRAGA, Shouichi;
KAWASAKI, Masashi;
AKAO, Atsushi;
KAMATANI, Asayuki;
HAGIWARA, Masayuki;
NAKANO, Fumio;
MASE, Toshiaki
PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;
HIRAGA, Shouichi;
KAWASAKI, Masashi;
AKAO, Atsushi;
KAMATANI, Asayuki;
HAGIWARA, Masayuki;
NAKANO, Fumio;
MASE, Toshiaki
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001062769	A1	20010830

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

PRIORITY INFO.: JP 2000-2000-48140 20000224
APPLICATION INFO.: WO 2001-JP1289 A 20010222

L3 ANSWER 9 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 1997029205 PCTFULL ED 20020514
TITLE (ENGLISH): EFFECTIVE PRODUCTION METHOD OF BE-13793C
TITLE (FRENCH): PROCEDE EFFICACE DE PRODUCTION DE BE-13793C
INVENTOR(S): BURGESS, Bruce, W.;
GREASHAM, Randolph, L.;
LEE, Chanyong;
SUN, Wen-Jun;
SUDA, Hiroyuki;
KAWAMURA, Kenji
PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;
BURGESS, Bruce, W.;
GREASHAM, Randolph, L.;
LEE, Chanyong;
SUN, Wen-Jun;
SUDA, Hiroyuki;
KAWAMURA, Kenji
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9729205	A1	19970814

DESIGNATED STATES

W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ
BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG

PRIORITY INFO.: US 1996-60/011,256 19960207
APPLICATION INFO.: WO 1997-US1896 A 19970204

L3 ANSWER 10 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 1997009339 PCTFULL ED 20020514
TITLE (ENGLISH): ANTITUMOR INDOLOPYRROLOCARBAZOLE DERIVATIVES
TITLE (FRENCH): DERIVES ANTITUMORAUX D'INDOLOPYRROLOCARBAZOLE
INVENTOR(S): KOJIRI, Katsuhisa;
KONDO, Hisao;
ARAKAWA, Hiroharu;
OHKUBO, Mitsuru;
SUDA, Hiroyuki

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;
KOJIRI, Katsuhisa;
KONDO, Hisao;
ARAKAWA, Hiroharu;
OHKUBO, Mitsuru;
SUDA, Hiroyuki
LANGUAGE OF PUBL.: Japanese
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9709339	A1	19970313

DESIGNATED STATES
W: AU CA CN JP KR US AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE
PRIORITY INFO.: JP 1995-7/251855 19950905
APPLICATION INFO.: WO 1996-JP2404 A 19960828

L3 ANSWER 11 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 1996004293 PCTFULL ED 20020514
TITLE (ENGLISH): ANTITUMOR INDOLOPYRROLOCARBAZOLES
TITLE (FRENCH): INDOLOPYRROLOCARBAZOLES ANTITUMORAUX
INVENTOR(S): KOJIRI, Katsuhisa;
SHIMOKAWA, Haruki;
OHKUBO, Mitsuru;
KAWAMURA, Kenji;
KONDO, Hisao;
ARAKAWA, Hiroharu;
SUDA, Hiroyuki

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;
KOJIRI, Katsuhisa;
SHIMOKAWA, Haruki;
OHKUBO, Mitsuru;
KAWAMURA, Kenji;
KONDO, Hisao;
ARAKAWA, Hiroharu;
SUDA, Hiroyuki
LANGUAGE OF PUBL.: Japanese
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9604293	A1	19960215

DESIGNATED STATES
W: AU CA CN JP KR US AT BE CH DE DK ES FR GB GR IE IT LU

PRIORITY INFO.: MC NL PT SE
APPLICATION INFO.: JP 1994-6/200110 19940802
WO 1995-JP1490 A 19950726

L3 ANSWER 12 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 1995034663 PCTFULL ED 20020514
TITLE (ENGLISH): GENE CODING FOR GLYCOSYLTRANSFERASE AND USE THEREOF
TITLE (FRENCH): GENE CODANT LA GLYCOSYL-TRANSFERASE ET UTILISATION DE
CE GENE

INVENTOR(S): KOJIRI, Katsuhisa;
SUZUKI, Hajime;
KONDO, Hisao;
SUDA, Hiroyuki

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;
KOJIRI, Katsuhisa;
SUZUKI, Hajime;
KONDO, Hisao;
SUDA, Hiroyuki

LANGUAGE OF PUBL.: Japanese
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9534663	A1	19951221

DESIGNATED STATES
W: AU CA CN JP KR US AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE

PRIORITY INFO.: JP 1994-6/154127 19940613
APPLICATION INFO.: WO 1995-JP1065 A 19950531

L3 ANSWER 13 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 1995030682 PCTFULL ED 20020514
TITLE (ENGLISH): ANTITUMOR INDOLOPYROLOCARBAZOLE DERIVATIVE
TITLE (FRENCH): DERIVE D'INDOLOPYROLOCARBAZOLE ANTITUMORAL

INVENTOR(S): KOJIRI, Katsuhisa;
KONDO, Hisao;
ARAKAWA, Hiroharu;
OHKUBO, Mitsuru;
SUDA, Hiroyuki

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;
KOJIRI, Katsuhisa;
KONDO, Hisao;
ARAKAWA, Hiroharu;
OHKUBO, Mitsuru;
SUDA, Hiroyuki

LANGUAGE OF PUBL.: Japanese
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9530682	A1	19951116

DESIGNATED STATES
W: AU CA CN JP KR US AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE

PRIORITY INFO.: JP 1994-6/119483 19940509
JP 1994-6/145648 19940603
APPLICATION INFO.: WO 1995-JP868 A 19950502

L3 ANSWER 14 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN
ACCESSION NUMBER: 1993011145 PCTFULL ED 20020513
TITLE (ENGLISH): INDOLOPYRROLOCARBAZOLE DERIVATIVES
TITLE (FRENCH): DERIVES INDOLOPYRROLOCARBAZOLE
INVENTOR(S): KOJIRI, Katsuhisa;
KONDO, Hisao;

ARAKAWA, Hiroharu;
OHKUBO, Mitsuru;
SUDA, Hiroyuki
BANYU PHARMACEUTICAL CO., LTD.

PATENT ASSIGNEE(S):

LANGUAGE OF PUBL.: English

DOCUMENT TYPE:

PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 9311145	A1	19930610
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DESIGNATED STATES

W:

PRIORITY INFO.:

BG BR PL RO RU		
JP 1991-3/341916		19911129
JP 1992-4/69269		19920218
JP 1992-4/257306		19920901
WO 1992-JP1549	A	19921127

APPLICATION INFO.: